California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2003-0055

FOR

MR. GEORGE CAMERON
419 MAIN STREET
WEAVERVILLE, CALIFORNIA

Trinity County

MONITORING

1. The presence or absence of floating product shall be checked quarterly in all groundwater monitoring wells. If product is present, the thickness shall be measured to 0.01-foot increments.

2. The depth to groundwater shall be measured quarterly in all groundwater monitoring wells to at least 0.01-foot increments. The results shall be reported in tabular form indicating the surveyed elevation of each well reference point, depth to groundwater from the reference point and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.

3. Monitoring wells shall be adequately purged prior to sampling to remove standing water from the well casing and filter pack and to ensure that groundwater samples are representative of site groundwater. Purge water shall be stored in appropriate containers until analytical results are available, at which time the purge water shall be disposed of properly.

4. Monitoring wells shall be considered adequately purged when the field parameters temperature, pH and conductivity of the groundwater in each monitoring well has stabilized or a minimum of 3 well casing and filter pack volumes have been removed. Field data sheets shall be completed for each monitoring well and shall be submitted with monitoring reports.

5. Groundwater samples shall be collected quarterly from each groundwater monitoring well following adequate purging. The analyses shall be performed by a State of California certified laboratory for total petroleum hydrocarbons (TPH) as gasoline (TPHg), diesel (TPHd), and motor oil (TPHmo), benzene, toluene, ethylbenzene and xylenes (BTEX), gasoline oxygenates including methyl tert-butyl ether (MtBE), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary amyl methyl ether (TAME), and chlorinated hydrocarbons (leaded gasoline additives). EPA Method 8260 must be used for gasoline oxygenates and chlorinated hydrocarbons.

REPORTING

Groundwater monitoring and sampling reports shall be submitted to the Regional Water Quality Control Board for each quarter as follows:

First Quarter = January, February, March	Report Due April 15th
Second Quarter = April, May, June	Report Due July 15th
Third Quarter = July, August, September	Report Due October 15th
Fourth Quarter = October, November, December	Report Due January 15th

Monitoring Reports shall include field data sheets, groundwater elevation contour maps, isoconcentration contour maps of constituents detected, interpretations of the data, a summary of past analytical results, signed laboratory data sheets, purge water data sheets, and disposal records demonstrating proper disposal of purge water. Monitoring reports must be signed by a California Registered Geologist or Engineer. In reporting monitoring data, the discharger shall arrange the data in tabular form so the date, constituents, person collecting the sample, well elevation, well depth, depth to groundwater, groundwater elevation, thickness of free product (if encountered), method detection limit, and concentrations are readily discernable. In reporting the purge water data, the discharger shall arrange the data in tabular form so the well identification, temperature, pH, conductivity, the total volume of the well casing and filter pack, and the amount purged from each monitoring well are readily discernable. The data shall be summarized in such a manner to clearly illustrate compliance with the monitoring and reporting program.

Ordered by _____
Susan A. Warner
Executive Officer

April 4, 2003

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